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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s) : Josef WEIDMANN et al.
Serial No. : 10/069,086
Filed : February 5, 2002
For : REFLECTOMETER AND METHOD FOR
MANUFACTURING A REFLECTOMETER
Examiner : To Be Assigned
Art Unit : To Be Assigned

Assistant Commissioner
for Patents
Washington, D.C. 20231

SECOND PRELIMINARY AMENDMENT

SIR:

Kindly amend the above-captioned application before examination, as
set forth below.

IN THE CLAIMS:

Please cancel claims 20 to 38 without prejudice.

Please add the following new claims:

38 -39. (New) A reflection graduation, comprising:
a silicon substrate;

first subsections disposed on the substrate, each of the first subsections
having etched oblique surfaces, the surfaces positioned such that light beams
directed incident to the surfaces cause no retroreflection; and

second subsections having relatively higher reflecting properties as compared
to the first subsections;

wherein the first subsections and the second subsections are alternatively
disposed on the substrate in a first direction.

39 40. (New) The reflection graduation as recited in claim 39, wherein the
oblique surfaces include a plurality of adjacent V-shaped grooves disposed in a

Rule 120